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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/053,677      | 01/24/2002  | Jewel Tsai           | 4504-051            | 8416             |

7590 05/09/2003

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EXAMINER

KIM, AHSHIK

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|          | 2876         |

DATE MAILED: 05/09/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                 |              |
|------------------------------|-----------------|--------------|
| <b>Office Action Summary</b> | Application No. | Applicant(s) |
|                              | 10/053,677      | TSAI ET AL.  |
|                              | Examiner        | Art Unit     |
|                              | Ahshik Kim      | 2876         |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 01/24/02 (Initial filing of Application).
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-20 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 24 January 2002 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)           | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ . | 6) <input type="checkbox"/> Other: _____ .                                   |

**DETAILED ACTION**

***Priority***

- 5 1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

***Claim Rejections - 35 USC § 102***

- The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the  
10 basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

- 15  
2. Claims 1-6, and 11-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Van Maanen, Jr. (US 4,855,580).

Re claims 1 and 11, Van Maanen teaches a system 10 and method for inputting a first  
20 image data utilizing a first data input device such as image camera 12, and second image capturing device 14 capturing and digitizing second image to be processed (see abstract, col. 1, lines 46+). The captured data is saved as a record, and are merged as needed/designed (col. 2, lines 6+).

Re claim 2, although Van Maanen discloses 16 as “remote receiving device”, and does  
25 not provide great detail, the device 16 stores captured data, and the document processing system

10 resides on the device (col. 2, lines 37+). Accordingly, the device can be a PC or any computer equipped to perform these functions.

Re claims 3-6, 12-14, image pickup apparatus is one of image camera, OCR or MICR reader (col. 2, lines 24+), which processes documents to be scanned and digitized.

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***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

10 (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

15 This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out 20 the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 7-10 and 15-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over 25 Van Maanen, Jr. (US 4,855,580) in view of Schmid et al. (US 5,659,164). The teachings of Van Maanen, Jr. have been discussed above.

Van Maanen, Jr. fails to specifically teach or fairly suggest that the image pickup apparatus is auto-feeding scanner, and image picking-up step invokes executing a text editor or e-mail editor.

Schmid teaches electronic image/document processing system wherein the stacked

5 documents are automatically fed to the scanner (col. 3, lines 26+; col. 3, lines 61+). The system further allows the scanned documents to be edited by e-mail editor to be distributed electronically or text editor for further process (col. 2, lines 57+). Schmid further teaches that the document can contain photographic material as recited in claim 17.

In view of Schmid's teaching, it would have been obvious to an ordinary skill in the art at 10 the time the invention was made to incorporate various features such as automatic feeder and invoking text/e-mail editor to the teachings of Van Maanen, Jr. in order to process a large volume of documents, and if needed, to edit and transmit the documents electronically.

Implementing ADF (automatic document feeder) significantly improves throughput/volume of the document processing system, and save human intervention when processing multiple pages 15 of document. Moreover, by adding an automatic editor, the captured image/text can be customized, further streamlining editing process. These are well known features in document processing system, and one of ordinary skill in the art would be motivated to use for improving overall efficiency of the system, and therefore an obvious expedient.

### *Conclusion*

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Swinehart (US 6360951); Palmer (US 6078403); Lamm (US 6078907); Poor (US

5452379); DeJoseph (US 6108672); Johnson et al. (US 5,748,755) disclose various electronic document/image processing system.

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Ahshik Kim* whose telephone number is (703)305-5203 . The 5 examiner can normally be reached between the hours of 6:00AM to 3:00PM Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (703) 305-3503. The fax number directly to the 10 Examiner is (703) 746-4782. The fax phone number for this Group is (703)308-7722, (703)308-7724, or (703)308-7382.

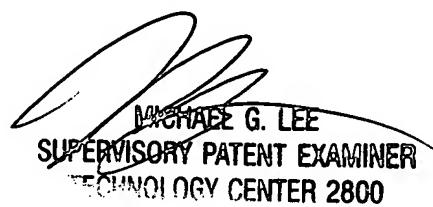
Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [ahshik.kim@uspto.gov].

15 *All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.*

20 Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.



25 Ahshik Kim  
Patent Examiner  
Art Unit 2876  
April 28, 2003



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